FILE 'HOME' ENTERED AT 15:07:28 ON 27 MAY 2009

=> file reg

COST IN U.S. DOLLARS
SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST
0.22
0.22

FILE 'REGISTRY' ENTERED AT 15:07:40 ON 27 MAY 2009
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Property values tagged with IC are from the ${\tt ZIC/VINITI}$ data file provided by ${\tt InfoChem.}$

STRUCTURE FILE UPDATES: 25 MAY 2009 HIGHEST RN 1149058-00-3 DICTIONARY FILE UPDATES: 25 MAY 2009 HIGHEST RN 1149058-00-3

New CAS Information Use Policies, enter HELP USAGETERMS for details.

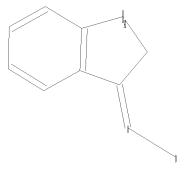
TSCA INFORMATION NOW CURRENT THROUGH January 9, 2009.

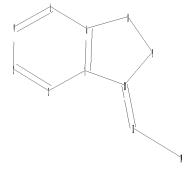
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html
=>

Uploading C:\Program Files\STNEXP\Queries\10590606_new_3.str





chain nodes :

13 14

ring nodes :

 $2 \quad 3 \quad 4 \quad 5 \quad 6 \quad 7 \quad 8 \quad 9 \quad 10$

chain bonds :
10-13 13-14
ring bonds :

2-3 2-7 3-4 4-5 5-6 6-7 6-8 7-10 8-9 9-10

exact/norm bonds :

6-7 6-8 7-10 8-9 9-10 10-13 13-14

normalized bonds :

2-3 2-7 3-4 4-5 5-6

Match level:
2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS 13:CLASS 14:CLASS

L6 STRUCTURE UPLOADED

=> d L6 HAS NO ANSWERS L6 STR

G1 O, S, N

Structure attributes must be viewed using STN Express query preparation.

46 ANSWERS

=> s 16 SAMPLE SEARCH INITIATED 15:12:56 FILE 'REGISTRY' SAMPLE SCREEN SEARCH COMPLETED - 17792 TO ITERATE

11.2% PROCESSED 2000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 347850 TO 363830

PROJECTED ANSWERS: 6971 TO 9397

L7 46 SEA SSS SAM L6

=> s 16 sam
SAMPLE SEARCH INITIATED 15:13:06 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 17792 TO ITERATE

11.2% PROCESSED 2000 ITERATIONS 46 ANSWERS INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

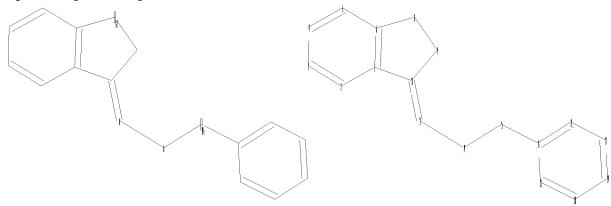
FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**

PROJECTED ITERATIONS: 347850 TO 363830 PROJECTED ANSWERS: 6971 TO 9397

L8 46 SEA SSS SAM L6

=>

Uploading C:\Program Files\STNEXP\Queries\10590606_new_4.str



chain nodes: 13 14 15

ring nodes :

2 3 4 5 6 7 8 9 10 16 17 18 19 20 21

chain bonds :

10-13 13-14 14-15 15-16

ring bonds :

2-3 2-7 3-4 4-5 5-6 6-7 6-8 7-10 8-9 9-10 16-17 16-21 17-18 18-19

19-20 20-21

exact/norm bonds :

6-7 6-8 7-10 8-9 9-10 10-13 13-14 14-15

exact bonds :

15-16

normalized bonds :

 $2-3 \quad 2-7 \quad 3-4 \quad 4-5 \quad 5-6 \quad 16-17 \quad 16-21 \quad 17-18 \quad 18-19 \quad 19-20 \quad 20-21$

G1:0,S,N

Match level :

2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS 13:CLASS 14:CLASS 15:CLASS 16:Atom 17:Atom 18:Atom 19:Atom 20:Atom 21:Atom

L9 STRUCTURE UPLOADED

=> d

L9 HAS NO ANSWERS

L9 STR

G1 O, S, N

Structure attributes must be viewed using STN Express query preparation.

=> s 19 sam

SAMPLE SEARCH INITIATED 15:14:12 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 614 TO ITERATE

100.0% PROCESSED 614 ITERATIONS 37 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 10794 TO 13766 PROJECTED ANSWERS: 376 TO 1104

L10 37 SEA SSS SAM L9

=> d scan

L10 37 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN

MF C19 H16 Br C12 N O2

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> s 19 full

FULL SEARCH INITIATED 15:14:41 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 12286 TO ITERATE

100.0% PROCESSED 12286 ITERATIONS 799 ANSWERS

SEARCH TIME: 00.00.02

L11 799 SEA SSS FUL L9

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 376.56 376.78

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 15:14:47 ON 27 MAY 2009
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FILE COVERS 1907 - 27 May 2009 VOL 150 ISS 22 FILE LAST UPDATED: 26 May 2009 (20090526/ED) REVISED CLASS FIELDS (/NCL) LAST RELOADED: Feb 2009 USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Feb 2009

CAplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

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This file contains CAS Registry Numbers for easy and accurate

=> s 111

L12 129 L11